

EXERCISE SCIENCE - APPLIED B.S.

Bachelor of Science - Health & Human Performance; Exercise Science - Applied Concentration

College of ED & Human Sciences

Degree Specific Credits: 105

Required Cumulative GPA: 2.0

Catalog Year: 2017-2017

General Education Requirements

Information regarding these requirements can be found in the General Education Section (<http://catalog.umt.edu/academics/general-education-requirements>) of the catalog.

Summary

Lower Division Departmental Required Courses	13
Outside Major Lower Division Required Courses	38-41
Upper Division Departmental Required Courses	22-25
Outside Major Upper Division Required Courses	8
Elective Courses	18
Total Hours	99-105

Lower Division Departmental Required Courses

Rule: All courses are required.

Note: Students should take ECP 120, ECP 121 within two years of graduation, in order to ensure current certification. Students may substitute outside Emergency Medical Responder Certification for these courses.

ECP 120	Emergency Medical Responder Lecture	3
ECP 121	Emergency Medical Responder Lab	1
KIN 201	Basic Exercise Prescription	3
KIN 205	Foundations of HHP	3
NUTR 221N	Basic Human Nutrition	3
Total Hours		13

Minimum Required Grade: C-

Outside Major Lower Division Required Courses

Rule: All courses are required.

Note: Students interested in Medical School should pay special attention to those additional requirements. Please meet with the Medical School Adviser in the HHP Department if you intend to also major in Pre-Medical studies.

BIOB 160N	Principles of Living Systems	3
BIOB 161N	Prncpls of Living Systems Lab	1

CHMY 121N	Introduction to General Chemistry	3
CHMY 123	Introduction to Organic and Biochemistry	3
CHMY 141N	College Chemistry I	4
COMX 111A	Intro to Public Speaking	3
Select one of the following:		4-6
M 151	Precalculus	
M 121	College Algebra	
& M 122	and College Trigonometry	
PHSX 205N	College Physics I	4
PHSX 206N	College Physics I Laboratory	1
PSYX 100S	Intro to Psychology	3
Select one of the following:		3-4
STAT 216	Introduction to Statistics	
PSYX 222	Psychological Statistics (must be pre-approved by advisor)	
SOCI 202	Social Statistics (must be pre-approved by advisor)	
WILD 240	Intro to Biostatistics (must be pre-approved by advisor)	
EDU 421	Statistical Procedures in Educ (must be pre-approved by advisor)	
WRIT 101	College Writing I	3
Select one of the following:		3
WRIT 121	Intro to Technical Writing	
WRIT 201	College Writing II	
WRIT 222	Technical Approach to Writing	
Total Hours		38-41

Minimum Required Grade: C-

Upper Division Departmental Required Courses

Rule: All courses are required.

Note: Students take KIN 498 for 3 to 6 credits.

HTH 475E	Legal and Ethical Issues Health and Exercise Professions	3
KIN 320	Exercise Physiology	3
KIN 321	Exercise Physiology Lab	1
KIN 330	Motor Learning and Control	3
KIN 425	Biomechanics	3
KIN 447	Analytical & Communicative Techniques	3
KIN 498	Internship	3-6
NUTR 411	Nutrition For Sports & Exercise	3
Total Hours		22-25

Minimum Required Grade: C-

Outside Major Upper Division Required Courses

Rule: All courses are required.

Note: It is strongly recommended that students take either BIOH 112 OR BIOH 113 OR BIOB 160N prior to taking Anatomy and Physiology.

BIOH 365	Human AP I for Health Profns	4
BIOH 370	Human AP II for Health Profns	4
Total Hours		8

Minimum Required Grade: C-

Elective Courses

Rule: Electives require adviser pre-approval.

Note: Electives require adviser pre-approval.

Students may use any pre-approved Math and Science Elective courses in this category. At least 3 must be Upper Division Credits. Special care should be taken if BIOH 201N/BIOH 202N and BIOH 211N/BIOH 212N were used for Anatomy and Physiology requirements, as more Upper Division Credits may need to be used in this category.

Minimum Required Grade: C-

18 Total Credits Required